

Europäisches Patentamt

European Patent Office

Office européen des brevets



EP 0 950 386 A3

(12)

## **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: 05.04.2000 Bulletin 2000/14

(51) Int Cl.7: A61F 2/06

(11)

(43) Date of publication A2: 20,10,1999 Bulletin 1999/42

(21) Application number: 99302918.0

(22) Date of filing: 15.04.1999

(84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU

MC NL PT SE

Designated Extension States:

AL LT LV MK RO SI

(30) Priority: 16.04.1998 US 61568

(71) Applicant: Cordis Corporation
Maimi Lakes, Florida 33014 (US)

(72) Inventors:

• Wright, Carol
Somerset, NJ 08873 (US)

Llanos, Gerard H.
 Stewartsville, NJ 08886 (US)

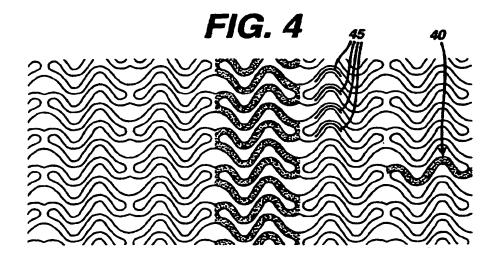
 Rakos, Ronald Monmouth Jct., NJ 08852 (US)

 King, Kirsten Hoboken, NJ 07030 (US)

(74) Representative: Fisher, Adrian John CARPMAELS & RANSFORD 43 Bloomsbury Square London WC1A 2RA (GB)

## (54) Stent with local rapamycin delivery

(57) Delivery of rapamycin locally, particularly from an intravascular stent, directly from micropores in the stent body or mixed or bound to a polymer coating applied on stent, to inhibit neointimal tissue proliferation and thereby prevent restenosis. This invention also facilitates the performance of the stent in inhibiting restenosis.





## **EUROPEAN SEARCH REPORT**

EP 99 30 2918

	DOCUMENTS CONSII  Citation of document with	Relevent	CLASSIFICATION OF THE			
Category	of relevant par		to claim	APPLICATION (INCCLS)		
^	US 5 700 286 A (LO 23 December 1997 ( + figures 3,4,8 + + column 4, line 6 + column 5, line 7 + column 6, line 5	1997-12-23) - line 49 + - line 13 +	1,8	A61F2/06		
İ	EP 0 761 251 A (KA SEK) 12 March 1997 * page 3, line 26 * claims 1,13 *		1,8			
	17 March 1998 (1998 * figures 2,4-6 * * column 7, line 20	0 - line 34 * 1 - column 8, line 8 * 5 - line 36 *	1,8			
L	EP 0 938 878 A (COI 1 September 1999 (1 + column 4, line 55		1-3,7,8	TECHNICAL FIELDS SEARCHED (MLCLS) A61F		
	WO 98 47447 A (DUBF 29 October 1998 (19 • figures 2A,4C • • claims 1,10 •	UL WILLIAM R) 98-10-29)	1,8			
	The present search report has i					
	Place of search	Date of completion of the search		Elemènes		
1	HE HAGUE	15 February 2000	Mary	y, C		
X : partic. Y : partic. dccurr A : techno	TEGORY OF CITED DOCUMENTS darly relevant if taken alone sarly relevant if combined with another ent of the same category logical background within declosure	after the filing date D: document cited in L: document cited for	T : theory or painciple underlying the invention E : earlier palent document, but published on, or after the filling date D : document died in the application L : document ofted for other research  & : member of the same patent family, corresponding document			

2

## ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 99 30 2918

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

15-02-2000

Patent document cited in search report				Patent family member(s)		Publication date
US 5700286	5700286 A	23-12-1997	US	5637113	A	10-06-1997
00 0,00200	••		ĂŬ	4031295	A	20-06-1996
			CA		A	14-06-1996
			EP	0716836	A	19-06-1996
			JP	82 <b>24297</b>	A	03-09-1996
EP 0761251	Α	12-03-1997	AU	699821	В	17-12-1998
2. 0.02-22			AU	367 <b>4295</b>	A	06-05-19 <b>96</b>
			US	57333 <b>27</b>	A	31-03-1998
			MO	9611720	A	25-04-1996
US 5728150	A	17-03-1998	US	5676697	A	14-10-1997
			AU	5452098	A	10-06-1998
			MO	9822045	A	28-05 <b>-</b> 1 <b>998</b>
			AU	4046997	A	20-02-1998
			MO	9804212	Α	05-02-1998
EP 0938878	A	01-09-1999	US	6015432	A	18-01-2000
			AU	1730899	A	09-09-1999
			JP	11285537	A	19-10-1999
WO 9847447	A	29-10-1998	NONI	E		

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82